AUTHOR GUIDELINES FOR DCASE 2018 WORKSHOP MANUSCRIPTS

Félix Gontier[1]*, Mathieu Lagrange*[1]*, Jean-Francois Petiot*[1]
Catherine Lavandier[2]*, Pierre Aumond*[3]

[1] LS2N, UMR 6004, Ecole Centrale de Nantes, CNRS, 44322 Nantes, France, {felix.gontier}@ls2n.fr
[2] ETIS, UMR 8051, Université Paris Seine, Université de Cergy-Pontoise, ENSEA, CNRS, 95000 Cergy-Pontoise, France, {catherine.lavandier}@u-cergy.fr
[3] UMRAE, Ifsttar, 44341 Bouguenais, France, {pierre.aumond}@ifsttar.fr

ABSTRACT

***Index Terms*—**

1. INTRODUCTION

1. Motivation (Noise, IOT...)
2. Project
3. Related work

2. CHARACTERIZATION TASK

1. Soundscape perception models: perceptual space, pleasantness models, related sound sources
2. Hypothesis: Possible prediction from physical measurements (time presence)
3. Formal proposal: dataset, metrics, evaluation procedure

3. PERCEPTUAL VALIDATION

1. Experimental protocol: Test detailed description, dataset
2. Results
   (a) Perceptual space validation (ACP...)
   (b) Prediction of perceived time presence from separated sources

4. DISCUSSION

1. Conclusion on feasability
2. Outcome for task description